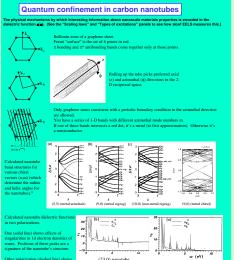
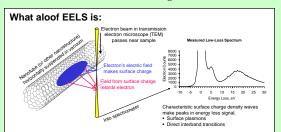
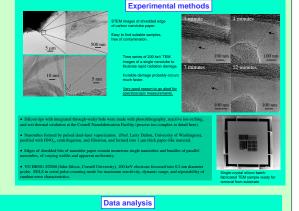
Aloof Transmission Electron Energy-Loss Spectroscopy (EELS) and its Application to Nanostructures



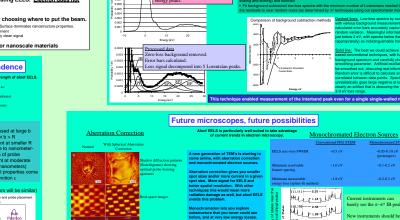
Bryan Reed, Materials Science and Technology Division, Lawrence Livermore National Laboratory, Livermore, CA reed12@llnl.gov

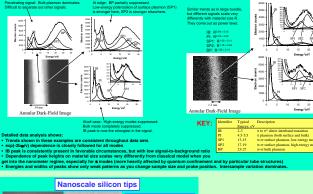




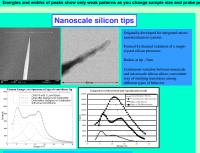


Why aloof EELS is ideal for studying nanostructures:



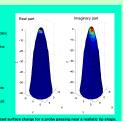


Carbon nanotube experimental results





Quasiclassical formalism and



References and acknowledgements